

Claims

1. Screening grid for discharging solids from a liquid flow, said grid comprising a driveable
5 screening strip (5) that can be inserted into the liquid flow and comprising two lateral link
chains (9) between which carrying rods (10) extend, carrying groups of adjacent screening
links at least some of which have a hook (22), with each group of screening links (15)
being arranged on two carrying rods (10) independent of the preceding and subsequent
group (14) of screening links (15) and with the screening links (15) having projecting parts
10 (20) that extend past the carrying rods (10), wherein all screening links (15) have
projecting parts (20) that extend only in one direction of a group (14) of screening links
(15) and without overlapping with projecting parts (20) of the adjacent group (14) of
screening links (15).
- 15 2. Screening grid according to claim 1, wherein all screening links (15) of a group (14) are
provided with projecting hooks (22) on the outer side of the screening strip (5).
3. Screening grid according to claim 2, wherein the hooks (22) are arranged on the projecting
parts (20).

4. Screening grid according to claim 2, wherein the hooks (22) are arranged on the center sections (18) of the screening links (15) that bridge the two carrying rods (12).
- 5 5. Screening grid according to claim 1, wherein one or several groups of screening links (24) without hooks are arranged between groups (14) of screening links (15) with hooks (22).
6. Screening grid according to one of the claims 1-5 wherein, each projecting part (20) is a sector that widens towards the inside of the screening strip (5) whose arc center (23) is
10 arranged on the axis of the respective carrying rod (12).
7. Screening grid according to one of the claims 1-6, wherein the screening links (15) of adjacent groups (14) are aligned.
- 15 8. Screening grid according to one of the claims 1-6, wherein the screening links (15) of adjacent groups (14) are offset in relation to one another by half of the pitch of the screening links (15).
9. Screening grid according to one of the claims 1-8, wherein the screening links (15) are
20 arranged directly adjacent to one another on the carrying rods (12) and have lateral spacer sleeves.

10. Screening grid according to one of the claims 1-8, wherein the adjacent screening links (15) are separated by spacer sleeves.

5 11. Screening grid according to claim 1, wherein the carrying rods (12) can be removed and replaced without interrupting the link chains (9).

12. Screening grid according to claim 1, wherein screening links with and without discharge hooks are alternately arranged on a carrying rod (12).